



CB-1 (CBO-1000) Circle Burner

For straight or beveled flame cut holes on small diameter vessels or pipe, without wrap-up of power cable or gas hoses (120/50-60/1).

Mounts on carriage or manipulator.

Features:

Permanent magnet motor.

3-hose machine torch with one tip [Specify Fuel Gas].

Brushes and collector rings for power supply.

50 ft. (15m) control cable.

Rack and pinion adjustment of torch, vertical and horizontal.

Capacities:

For bevel cut holes: 1"-12" (25-300mm).

100% duty cycle.

0-5" (0-125mm) rise and fall cam.

Rotation speed 3-130 ipm (75-3300 mm/min).

Controls:

Rotation, FWD-OFF-REV switch.

Rotation speed control.

Pre-heat gases (solenoid).

Cutting oxygen (solenoid).

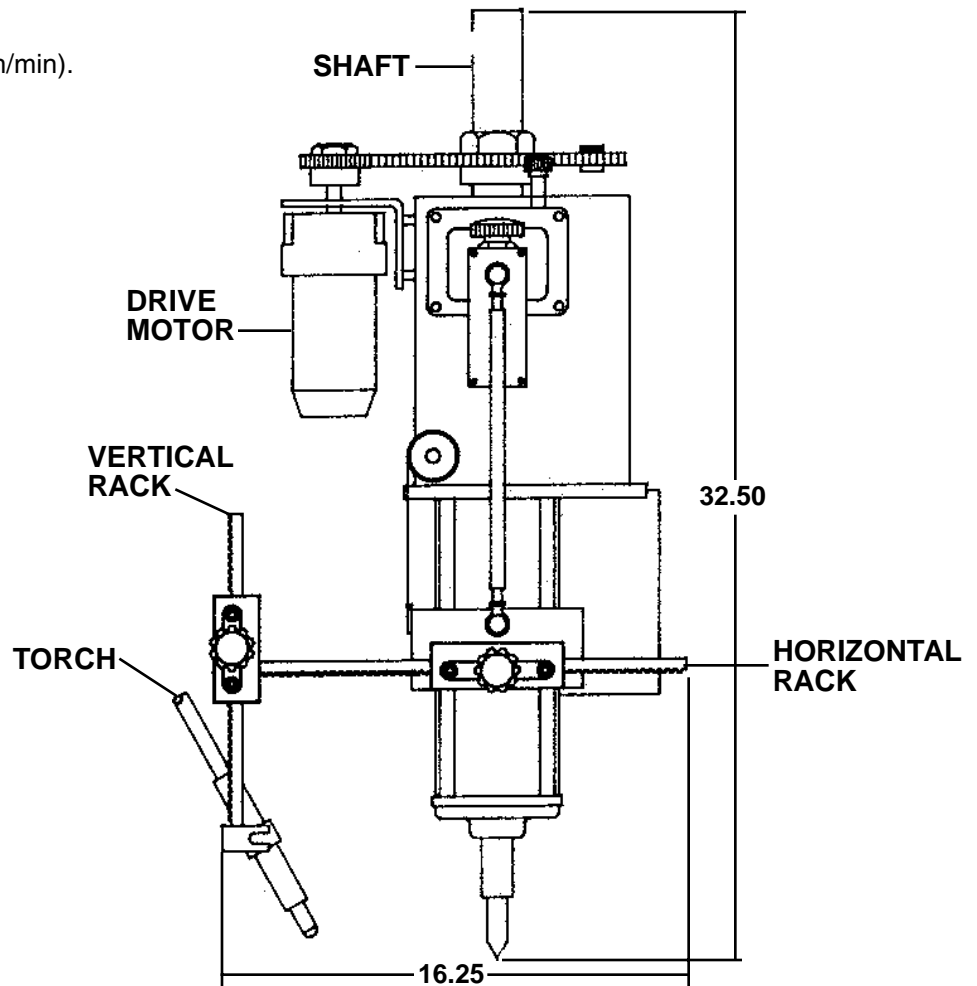
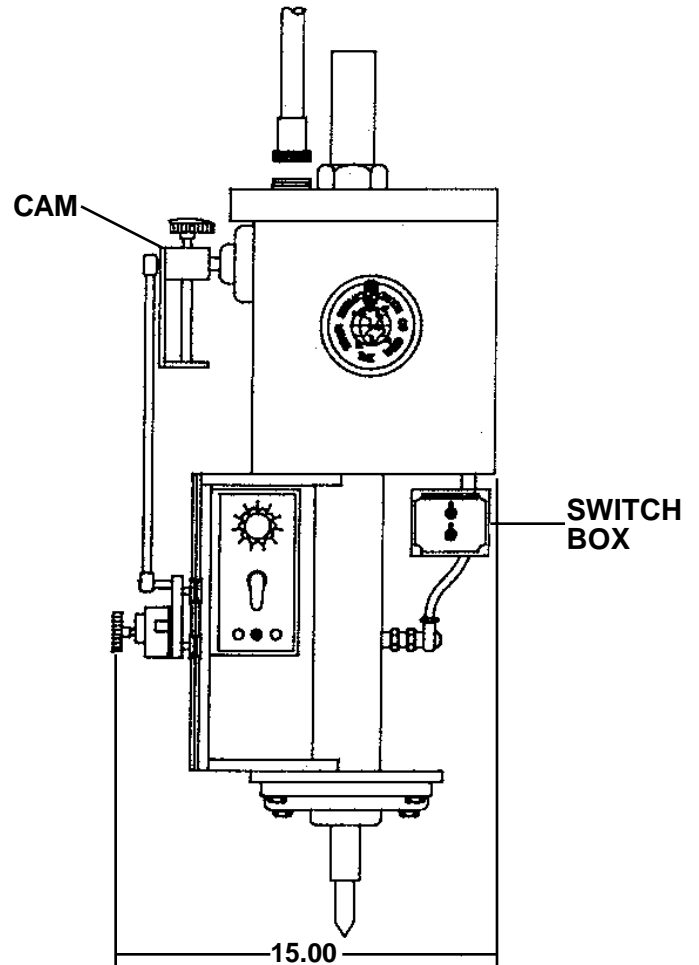
Pilot light.

Fuse.

Technical Data:

CB-1 (CBO-1000)

Height: 33" (840 mm).
Net Weight: 65 lbs. (29 kg.).





CB-1P (CBO-1020) Air Plasma Burner

For cutting 1/2" to 12" (12 to 300 mm) diameter holes in pipe up to 3/8" (9 mm) mild steel, utilizing the air plasma process.

May be operated continuously in either direction without wrap-up of power cable or hoses.

Saddle cut diameters should not exceed two-thirds the diameter of the pipe.

Features:

- Permanent magnet motor.
- Plasma machine torch 180°.
- Plasma power source.
- 50 ft. (15 m) control cable.
- Rack and pinion adjustment of torch, vertical and horizontal.

Capacities:

- Saddle cut diameters not to exceed 2/3 diameter of pipe.
- 60% duty cycle.
- 5" (127 mm) rise and fall cam.
- Rotation speed 20-400 ipm (500-10,000 mm/min).
- For cutting holes 7/8"-12" (12-300 mm) in pipe up to 5/8" (16 mm) wall thickness.

Controls:

- Control switch, manual - off - automatic.
- Plasma ON/OFF switch.
- Rotation speed control.
- Rotation, FWD-OFF-REV switch.
- Input voltage: 120/50-60/1.
- Power Source: 220/50-60/1

Technical Data:

CB-1P (CBO-1020)

- Height: 29" (737 mm).
- Net Weight: 98 lbs. (44 kg.).

